

IN THE SPECIFICATION:

Please amend paragraph 0004 on page 2, as follows:

The magnitude of the Barker de-spread signal is a sequence of pulses with same polarization and is periodic with a known period of the Barker symbol interval. Ideally, the de-spread signal should have a signal ~~[[peal]]~~ peak within each symbol interval. In a conventional approach, the magnitude signal of the Barker de-spread signal is truncated into segments, each with a length of a Barker symbol interval. These segments are averaged and a peak of the average is used to generate timing information indicative of a Barker symbol boundary. However, in a noisy, and especially harsh, channel environment, each pulse in the Barker de-spread signal may exhibit multiple peaks due to multi-path interference. Accordingly, the above approach for generating a timing signal in such an environment may be difficult.